

# Claims

[c1] What is claimed is:

1.A method of seamless ZCLV/PCAV recording for packet writing, the method comprising:

providing a plurality of predetermined super link points for dividing a track of an optical disk into a plurality of areas;

completely writing a packet unit on the track; and

if a difference between a packet link area subsequent to the packet unit and a first predetermined super link point of the predetermined super link points is within a predetermined range, setting the first predetermined super link point to within the packet link area.

[c2] 2.The method of claim 1 wherein the predetermined super link points are a plurality of timing points on the track.

[c3] 3.The method of claim 1 wherein the optical disk is a CD-R optical disk.

[c4] 4.The method of claim 1 wherein the optical disk is a CD-RW optical disk.

- [c5] 5.A method of seamless ZCLV/PCAV recording for packet writing, the method comprising:  
providing a predetermined super link point for dividing a track of an optical disk into different areas;  
completely writing a packet unit on the track; and  
if a difference between a packet link area subsequent to the packet unit and the predetermined super link point is within a predetermined range, resetting the predetermined super link point to within the packet link area.
- [c6] 6.The method of claim 5 wherein the predetermined super link point is a timing point on the track.
- [c7] 7.The method of claim 5 wherein the optical disk is a CD-R optical disk.
- [c8] 8.The method of claim 5 wherein the optical disk is a CD-RW optical disk.
- [c9] 9.A method of seamless ZCLV/PCAV recording for packet writing, the method comprising:  
providing at least one predetermined super link point for dividing a track of an optical disk into a plurality of data writing areas with different transmission rates; and  
sequentially writing a plurality of packet units on the track, there being a plurality of packet link areas between each packet unit;

wherein at least one predetermined super link point is reset within the packet link areas.

- [c10] 10.The method of claim 9 wherein each super link point is a timing point on the track.
- [c11] 11.The method of claim 9 wherein the optical disk is a CD-R optical disk.
- [c12] 12.The method of claim 9 wherein the optical disk is a CD-RW optical disk.